

# MapInfo® MapX® Mobile

**THE PREMIER DEVELOPMENT TOOL FOR CREATING CUSTOMIZED MAPPING APPLICATIONS FOR THE POCKET PC**

MAPINFO MAPX MOBILE IS A DEVELOPMENT TOOL FOR CREATING MAP-BASED APPLICATIONS FOR MOBILE WORKERS. APPLICATIONS THAT ARE BUILT WITH MAPINFO MAPX MOBILE LEVERAGE THE POCKET PC WINDOWS OS, RUNNING ON DEVICES SUCH AS THE COMPAQ® IPAQ™ AND HP JORNADA. THIS SPECIALIZED VERSION OF THE POPULAR MAPINFO MAPX ACTIVE X CONTROL CAN BE USED TO BRING EXISTING MAP-BASED APPLICATIONS ONTO MOBILE DEVICES, OR TO CREATE NEW APPLICATIONS.

## FEATURES

- ▶ Mobile Solution—Bring map and location-based data onto mobile devices
- ▶ Client or Server Deployments—Deploy with or without live wireless connectivity
- ▶ Microsoft eMbedded tools—Write apps using common VB and C++ skills
- ▶ ADO Connectivity—Connect to Pocket Access and Microsoft SQL Server CE via ADO
- ▶ Raster Support—Display most popular (satellite, aerial) raster file formats
- ▶ GPS Integration—Display information captured from popular GPS devices
- ▶ Standard Controls—Pan, Zoom, Identify, Distance, Label, etc.
- ▶ Powerful Object Editing—Includes Combine, Intersect, Buffer, Erase, Shade
- ▶ Coordinate System/Projection Transformation—Display layers in different systems/projections in a common view
- ▶ Interoperability—Easy migration of apps written in MapInfo MapX and MapXtreme onto Pocket PC devices.
- ▶ Sample Applications – Help get you up and running quickly
- ▶ Free SDK—Download at [www.mapxmobile.com](http://www.mapxmobile.com)




## TAKE MAPS, DATA INTO THE FIELD

MapInfo MapX Mobile enables developers to create powerful, feature rich applications for any mobile workforce. These include applications for service/repair representatives, sales professionals, field engineers/technicians, or claims representatives in the commercial sector, and for law enforcement professionals, health/building/agricultural inspectors, or caseworkers in all levels of government.

Map-based mobile applications can improve service, reduce response times, increase individual and group performance, and improve operational efficiency by providing every individual worker with quick and easy access to maps and important underlying information. There are applications literally waiting to happen for any workforce that is using, tracking, managing, updating or accessing information in the field.

## 24 X 7 ACCESS TO DATA AND APPLICATIONS

Applications built using MapInfo MapX Mobile work anywhere—indoors, outdoors, rural or urban—because they don't require wireless connectivity. The application and data reside on the device. Any and all data can be synchronized with the desktop as often as is necessary or desirable, including MapInfo .TAB and .GST files. Applications can also connect to Pocket Access and Microsoft® SQL™ Server 2000 Windows Editi 

Mobile applications created with MapInfo MapX Mobile can also receive content via a wireless connection. For example, an application written with MapX Mobile can display maps generated by MapInfo® MapXtreme®, our Internet/intranet mapping application server.

## SIMPLIFIED CODING... SIMPLIFIED MIGRATION FROM OTHER MAPINFO PRODUCTS

With skills familiar to those working with Visual Basic® and Visual C++, and using Windows® CE eMbedded Visual Tools 3.0 developers can quickly go to work and easily design and implement mapping applications. *MapInfo MapX Mobile* also ships with a variety of sample applications, and offers a streamlined object model, extensive methods and events, efficient property pages and defaults and other wizards to help simplify application development.

In addition, *MapInfo MapX Mobile* can be used to “mobilize” any existing applications written with MapInfo development tools. It shares a common object model with *MapInfo MapX* and *MapInfo MapXtreme* for Windows, so moving applications from desktop to Internet to PDA requires only the essential platform-specific modifications. Performance, look, feel and functionality can all be maintained, making wide-scale rollouts faster and easier.

## CREATE POWERFUL, MULTI-FEATURED APPLICATIONS

Maps and spatial functions find their way into the applications of people with many different levels of need and technical skill—from sales professionals to service personnel to case workers to field engineers. Application developers can serve up simple

functionality to some and sophisticated functionality to others. And even novice users can be given access to sophisticated spatial functionality within easy-to-use applications. Features include:

- **ADO Connectivity**—Connect to Pocket Access and Microsoft SQL Server CE via ADO
- **Raster Support**—Support for most popular raster formats.
- **GPS Integration**—Applications can import and display coordinates from a GPS device
- **Object Processing**—Powerful and popular functions are accessible, including combine, buffer, intersect, and erase objects (points, lines and polygons)
- **Thematic Shading**—Create thematically shaded maps on the fly
- **Grid and Hill Shading**—Allows developers to present highly visual maps, similar to weather or terrain maps in newspapers
- **User controls**—Easy map navigation is maintained with zoom, pan, identify, distance, and layer control features
- **Label tool & text tool**—Label any object on the map & place arbitrary text on the map
- **Coordinate system/projection**—On the fly coordinate system/projection transformation (including custom affine transformations and custom datum) lets different layers with different base coordinate systems & projections be displayed in a common coordinate system & projection.

## PART OF A SUITE OF DEVELOPER TOOLS

*MapInfo MapX Mobile* is part of a suite of tools that enable application developers to create customized solutions for business and government organizations. Our complete toolset includes products for distributed mapping applications, geocoding, spatial data storage, retrieval and management and a wide assortment of spatial, industry and consumer and demographic data. We also provide custom application development, installation and training through MapInfo and our worldwide network of Business Partners, as well as an extensive array of developer support and training offerings.

## SYSTEM REQUIREMENTS

- Windows® CE eMbedded Visual Tools 3.0
- Pocket PC 2000 or 2002 with StrongArm Processor
- PC with Pentium processor; Pentium 400MHz or higher processor recommended, Microsoft Windows 2000 operating system with Service Pack 2 installed or Microsoft Windows NT with Service Pack 6 installed 128 MB RAM (196 MB recommended)

## FOR MORE INFORMATION

Call 800.327.8627.

### FREE DOWNLOAD

Visit [www.mapxmobile.com](http://www.mapxmobile.com) for more information and to download a free Software Developers Kit.



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